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IN THE CLAIMS:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Currently Amended) A radio communication apparatus which is used in a CDMA communication system, has a plurality of fingers, and performs rake reception, comprising:

a delay profile calculating section for calculating a delay profile using a reception signal;

a finger path allocating section for allocating path positions to said plurality of fingers on the basis of the delay profile calculated by said delay profile calculating section;

a reception characteristic detecting section for detecting reception characteristics of the reception signal; and

a delay profile calculation control section for controlling a delay profile calculation cycle in said delay profile calculating section on the basis of the reception characteristics detected by said reception characteristic detecting section,

~~An apparatus according to Claim 2~~ wherein said delay profile calculation control section stops delay profile calculation processing in said delay profile calculating section when the reception characteristics detected by said reception characteristic detecting section are good.

6. (Currently Amended) A radio communication apparatus which is used in a CDMA communication system, has a plurality of fingers, and performs rake reception, comprising:

a delay profile calculating section for calculating a delay profile using a reception signal;

a finger path allocating section for allocating path positions to said plurality of fingers on the basis of the delay profile calculated by said delay profile calculating section;

a reception characteristic detecting section for detecting reception characteristics of the reception signal; and

a delay profile calculation control section for controlling a delay profile calculation cycle in said delay profile calculating section on the basis of the reception characteristics detected by said reception characteristic detecting section,

~~An apparatus according to Claim 2~~ wherein said delay profile calculation control section stops delay profile calculation processing in said delay profile calculating section for a predetermined period of time in accordance with a predetermined threshold when the reception characteristics detected by said reception characteristic detecting section are good as compared with the predetermined threshold.

7. (Original) An apparatus according to claim 5, wherein the delay profile calculation processing is stopped by interrupting an operation clock supplied to the delay profile calculation processing in said delay profile calculating section.

8. (Original) An apparatus according to claim 6, wherein the delay profile calculation processing is stopped by interrupting an operation clock supplied to the delay profile calculation processing in said delay profile calculating section.

9. (Currently Amended) An apparatus according to Claim 5, wherein said delay profile calculating section comprises a holding section, and while the delay profile calculation processing is stopped, said holding section keeps outputting a delay profile calculated immediately before the delay profile calculation processing is stopped.

10. (Currently Amended) An apparatus according to Claim 6, wherein said delay profile calculating section comprises a holding section, and while the delay profile calculation processing is stopped, said holding section keeps outputting a delay profile calculated immediately before the delay profile calculation processing is stopped.

11. (Cancelled)

12. (Original) An apparatus according to claim 5, wherein said delay profile calculating section calculates an average delay profile by averaging values obtained by performing delay profile calculation by a predetermined number of times, said finger

path allocating section allocates path positions to said plurality of fingers on the basis of the average delay profile, and said delay profile calculation control section controls the number of times of calculations in said delay profile calculating section on the basis of the reception characteristics detected by said reception characteristic detecting section.

13. (Cancelled)

14. (Cancelled)

15. (Currently Amended) A radio communication apparatus which is used in a CDMA communication system, has a plurality of fingers, and performs rake reception, comprising:

a delay profile calculating section for calculating a delay profile using a reception signal;

a finger path allocating section for allocating path positions to said plurality of fingers on the basis of the delay profile calculated by said delay profile calculating section;

a reception characteristic detecting section for detecting reception characteristics of the reception signal; and

a delay profile calculation control section for controlling an in-phase addition count in delay profile calculation in said delay profile calculating section on the basis of the reception characteristics detected by said reception characteristic detecting section,

An apparatus according to ~~Claim 14~~ wherein said delay profile calculation control section decreases an in-phase addition count in said delay profile calculating section when the reception characteristics detected by said reception characteristic detecting section are good.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Original) A power consumption control method for a radio communication apparatus which is used in a CDMA communication system, has a plurality of fingers, and performs rake reception, comprising:

the step of receiving a radio signal;

the step of calculating a reception characteristic value of the radio signal;

the step of comparing the reception characteristic value with a predetermined threshold;

the step of stopping delay profile calculation processing when a result of the comparison in the comparison step indicates that the reception characteristic value is larger than the predetermined threshold;

the step of executing the delay profile calculation processing when the result of the comparison in the comparison step indicates that the reception characteristic value is smaller than the predetermined threshold;

the step of allocating path positions to the plurality of fingers on the basis of the delay profile calculated in the execution step; and

the step of despreading the radio signal by using said plurality of fingers.

21. (Original) A method according to claim 20, further comprising:

the step of detecting whether a predetermined period of time elapses while the delay profile calculation processing is stopped in the stop step; and

the step of resuming the delay profile calculation processing when a lapse of the predetermined period of time is detected in the detection step.

22. (Original) A power consumption control method for a radio communication apparatus which is used in a CDMA communication system, has a plurality of fingers, and performs rake reception, comprising:

the step of receiving a radio signal;

the step of calculating a reception characteristic value of the radio signal;

the first comparison step of comparing the reception characteristic value with a first predetermined threshold;

the step of executing delay profile calculation processing when a result of the comparison in the first comparison step indicates that the reception characteristic value is smaller than the first predetermined threshold;

the second comparison step of comparing the reception characteristic

value with a second predetermined threshold when the result of the comparison in the first comparison step indicates that the reception characteristic value is larger than the first predetermined threshold;

the first stop step of stopping delay profile calculation processing for a first predetermined period of time when a result of comparison in the second comparison step indicates that the reception characteristic value is larger than the second threshold;

the second stop step of stopping delay profile calculation processing for a second predetermined period of time when the result of comparison in the second comparison step indicates that the reception characteristic value is smaller than the second threshold;

the step of allocating path positions to the plurality of fingers on the basis of the delay profile calculated in the execution step; and

the step of despreading the radio signal by using said plurality of fingers.

23. (Original) A power consumption control method for a radio communication apparatus which is used in a CDMA communication system, has a plurality of fingers, and performs rake reception comprising:

the step of receiving a radio signal;

the step of calculating a reception characteristic value of the radio signal;

the step of comparing the reception characteristic value with a predetermined threshold;

the step of decreasing the number of times of calculations in obtaining an average delay profile when a result of the comparison in the comparison step indicates

that the reception characteristic value is larger than the predetermined threshold;

the step of allocating path positions to the plurality of fingers on the basis of the average delay profile; and

the step of despreading the radio signal by using said plurality of fingers.

24. (Original) A power consumption control method for a radio communication apparatus which is used in a CDMA communication system, has a plurality of fingers, and performs rake reception, comprising:

the step of receiving a radio signal;

the step of calculating a reception characteristic value of the radio signal;

the step of comparing the reception characteristic value with a predetermined threshold;

the step of decreasing an in-phase addition count in calculating a delay profile when a result of the comparison in the comparison step indicates that the reception characteristic value is larger than the predetermined threshold;

the step of allocating path positions to the plurality of fingers on the basis of the average delay profile; and

the step of despreading the radio signal by using said plurality of fingers.